



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

**Yulun Wang, et al.**

Application No.: 09/996,419

Filed: November 28, 2001

For: **AUTOMATED ENDOSCOPE SYSTEM  
FOR OPTIMAL POSITIONING**

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**PRELIMINARY AMENDMENT UNDER 37 C.F.R. § 1.115**

U.S. Patent and Trademark Office  
Washington, D.C., 20231

Sir:

The applicant would like to file the following Preliminary Amendment for the above-entitled patent application.

**IN THE CLAIMS**

Please cancel claims 1-10.

Please add claims 11-30.

1 11. (NEW) A system that allows a user to control a movement of an endoscope,  
2 the endoscope being located within an endoscope coordinate system that has a left-right axis and  
3 an up-down axis which are orthogonal to each other and to a longitudinal axis of the endoscope,  
4 comprising:  
5 a first actuator located within a world coordinate system;  
6 a second actuator that is coupled to said first actuator and located in the world coordinate  
7 system, said first and second actuators being capable of moving the endoscope;